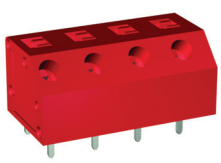
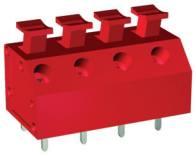
PCB connector

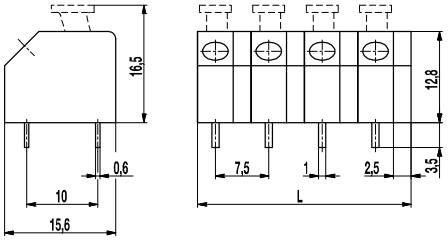
876(-DR)

Spring clamp connection diagonal 45° to PCB





RoHS COMPLIANT



The PCB connectors 876 und 876-DR with spring clamp connection and a pitch of 7,5 mm, are available with 2 to 10 poles.

They provide easy connection of solid and stranded conductors and feature a stainless steel spring clamp which ensures safe permanent contact. The spring clamp of version 876 is operated by pressing a pusher inside the housing with a screwdriver whereas the spring clamp of version 876-DR is manually operated by a protruding lever.
The wire entrance is in a 45° angle to the PC board.

Each pole has a double solder termination with 10 mm pin spacing.

Part Numbers

No. of poles	876	876-DR	Length	Pcs
2	72.812.001	82.812.001	15,00	200
3	73.812.001	83.812.001	22,50	100
4	74.812.001	84.812.001	30,00	100
5	75.812.001	85.812.001	37,50	100
6	76.812.001	86.812.001	45,00	50
7	77.812.001	87.812.001	52,50	50
8	78.812.001	88.812.001	60,00	50
9	79.812.001	89.812.001	67,50	50
10	80.812.001	90.812.001	75,00	50

General Information

Pitch	7,5 mm
No. of poles	2 - 10

Technical Data

Clamping Range	*solid / flexible / AWG*		
	0,14 - 2,5 mm² / 0,14 - 1,5 mm² / 26 - 16 AWG		
Rated Cross Section	1,5 mm²		
Wire Stripping Length	10 mm ± 0,5 mm		
Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	500 V	630 V	1000 V
Rated Impulse Voltage	6 kV	6 kV	6 kV
Rated Insulation Voltage	750 V acc. to EN 60998-1		
Rated Current	10 A		
Hole in PCB	ø 1,3 mm		

Material

Moulding	PA, red V-0
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Terminal body	Tin plated brass
Solder pin	0,6 x 1,0 mm; tin plated brass
Spring	Stainless strip steel

Approvals

	Current	Voltage	Group	AWG	Nm
	10	300	B	22 - 16	
	10	300	B, D, E	22 - 16	

Options / Accessories

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-7,50
- Other pitch
- Connected to larger number of poles

"no flame" after glow-wire test according to Household Appliance DIN EN/IEC 60335-1